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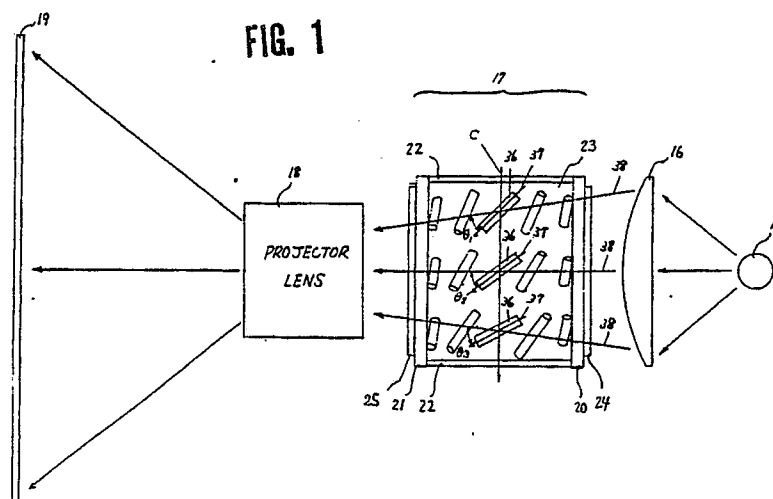
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## 54 Liquid crystal image projection system.

57 A liquid crystal image projection system projects an enlargement of an image formed in an active matrix liquid crystal panel (17) onto a screen (19) by using a lamp (15) and a projector lens (18). The orientation of the liquid crystal panel is made such that a molecular axis vector (37) directing from an input light side end to an output light side end of

each liquid crystal molecule in the middle of the liquid crystal layer has a vector component opposite to a scanning direction of the panel, and a convergent light is entered into the liquid crystal panel. The system can solve the problem of nonuniformity of the signal voltage-transmittance characteristic of the entire screen.





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Office

## EUROPEAN SEARCH REPORT

Application Number

EP 89 30 1709

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.4)
D,A	SID'86 DIGEST, 1986, pages 375-378, SID; S. MOROZUMI et al.: "LCD full-color video projector" * Page 375, right-hand column, first paragraph; figures 1,4 *	1,5	H 04 N 9/31 G 02 F 1/137
A	GB-A-2 179 484 (ASAHI) * Abstract; page 2, lines 37-44; figure 22 *	1,5	
A	PATENT ABSTRACTS OF JAPAN, vol. 11, no. 391 (P-649)[2838], 22nd December 1987; & JP-A-62 156 623 (FUJI ELECTRIC CO., LTD) 11-07-1987		
			TECHNICAL FIELDS SEARCHED (Int. Cl.4)
			G 02 F G 03 B
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 19-07-1990	Examiner WONGEL H.
<b>CATEGORY OF CITED DOCUMENTS</b>			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons ..... & : member of the same patent family, corresponding document	